

VTX UltraFairing Stereo Installation Instructions



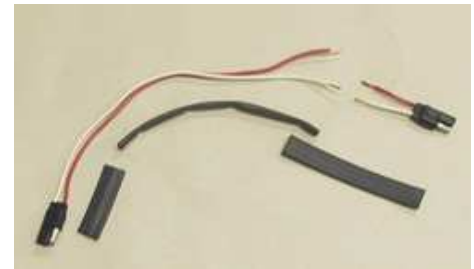
Thank you for purchasing an UltraFairing for your Honda VTX. Please follow these steps to install the stereo in your new fairing.

We have included all the supplies you will need to install your stereo. Please verify that you have all the parts shown in the picture. You will also need a wire stripping/crimping tool, a screwdriver, pliers, and some tape.

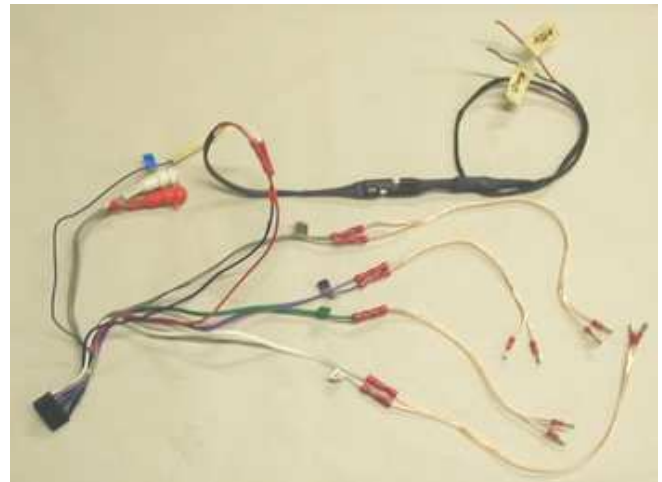


1. Cut the speaker wire into two 12" lengths and two 8" lengths. On each section of wire, attach two female blade connectors on one end and two butt connectors on the other end.

2. Cut the two wire power connector about 1.5" from the end that has a female connector on the red wire (the other end has a male connector on the red wire). Cut the large heat shrink tubing into a 4" section and a 2" section. Cut a 6" section of the small heat shrink tubing.



3. Unplug the wiring harness from the back of the stereo and attach the speaker and power wires as shown. Attach the shorter speaker wires to the rear speakers and the longer speaker wires to the front speakers. Be sure to match up the stripes on the insulation so that each speaker will be connected with the same polarity. Slide the 2" section of large heat shrink, followed by a 6" section of small heat shrink over the longer section of the power connector cable, then connect the red power wire to the red side of the connector and the black ground wire to the white side of the connector. Take the shorter side of the power connector and attach a 24" section of red wire to the red side and a 24" section of green wire to the white side. Mark the red wire as "+12V" and the green wire as "Gnd". Use a 4" section of large heat shrink and the remaining 18" section of small heat shrink to cover the power connector and the red and green wires. Use a heat source to shrink the tubing and then the wiring harness is ready to use.



4. Remove the shipping screws from the stereo and slide the mounting sleeve off. **Be sure to attach the two silver pieces of tape over the shipping screw holes** (as described in the stereo installation manual). Loop the mounting strap into a circle and secure both ends to the back of the stereo as shown.



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5. Insert the mounting sleeve into the fairing and bend as many tabs as you can to firmly secure the sleeve into the fairing. Install the wiring harness by routing the power wire down and out between the gap near the lower left mounting tab. Route the front speaker wires to the upper speaker holes and the rear speaker wires to the lower speaker holes. Lay the antenna into the fairing across the width of the fairing and wedge the bottom of the antenna between the two fairing halves just by the lower right speaker hole.



NOTE: Reducing Vibration and Rattles.

You can greatly reduce the chance of any rattling noises by wrapping the loose wires in foam sheet as shown in the picture. Do this before the final installation.



6. While holding the stereo with one hand, plug in the wiring harness and the antenna with the other hand. Now slide the stereo into the mounting sleeve about an inch. Now stick your right hand into the lower left speaker hole and reach back behind the stereo and make sure all the wires are moved out of the way. Now slide the stereo down firmly into the sleeve until it clicks in place. Ensure the stereo is fully engaged with the sleeve by making sure you cannot push the stereo back out.

7. Now install the speakers. Make sure you connect the "striped" wire to the same terminal on each speaker so that the speakers will all be moving in the same phase. The speakers come with screws and clips – the screws will bite into the fairing material on their own so you don't need to use the clips (although save them in case the hole in the fairing ever gets stripped). Be sure to install the gaskets onto the speakers before final installation.

8. Now connect the power lead to the wiring inside your headlight shell. Connect the ground wire to the green wire (VTX ground). Then connect the red +12v wire to the VTX taillight circuit (brown w/blk stripe). Alternately, if you want to be able to use the stereo anytime, run a wire directly back to the battery (make sure it has fuse!). Another alternative is to connect the +12v wire to the low-beam on the headlight – then you can turn the stereo off instantly by just hitting the hi-beam switch on the handlebar.

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Optional Step – Crank It Up!

We have discovered a simple way to greatly increase the volume of the stereo. The problem is that the fairing is like a sealed drum, and for the speakers to move they actually have to compress the air in that sealed drum – which steals away sound power. The solution is to create “tuned ports” for the fairing that allow the speakers to move freely. This is an old trick that has been used in speaker boxes for many years. If you create some tuned ports in the fairing you will notice a significant increase in the volume. We don’t do this at the factory because it’s may not be something everyone wants to have. The downside is that you will now have holes in the fairing – bugs, mice, etc could get in.



(1)



(2)



(3)



(4)

1. From your local hardware store, purchase a couple of 1 ¼ x ¾ PVC reducer bushings.
2. Use a hacksaw to cut off the smaller end (to get rid of the internal lip)
3. Use some sandpaper to remove the words from the flange.
4. Paint the bushings black (or whatever color you want)
5. Use a hole-saw and/or a file to create holes in the inner fairing just large enough to slip the bushing in.
6. Spread some JB-Weld or Gorilla Glue on the bushing flange and bond the bushing to the inner fairing.



Now you’re ready to rock!

Happy riding, hope to see you on the road someday. -- Paul

